

## LOW WEIGHT CARPET, CARPET TILE AND METHOD

## ABSTRACT

- 5 An improved low weight cushioned flooring, floor covering, carpet, carpet tile, and method is provided. The low weight, cushioned carpet includes a low weight primary carpet having a base and a plurality of pile-forming yarns projecting outwardly from one side. A layer of reinforcement material is bonded to the base on the side opposite the pile forming yarns. The reinforcement layer is adjacent to and may be embedded in, a cushion layer of a polymer such as
- 10 a polyurethane. An apparatus and process for forming the low weight cushioned carpet or carpet tile of the present invention are also provided.